

The JUG

CLUB REPEATERS W6RGG/R
147.24,(+), 444.200 (107.2 PL)

AWARD

Steve Thomas, N6ST
President's Report

Steve Sez

If you haven't made plans to be at the Awards Banquet you will be missing a major good time! Contact Bruce, AA6KX, asap --reservations are a must.

Sometime over the weekend of the ARRL DX CW contest, one of the users on the N6ST node logged off. That is not unusual by itself, but something unfortunate happened. The user's transmitter stayed on the air with an unmodulated carrier. I don't know exactly what failed: the TNC, the cable or the radio. Because the carrier was unmodulated, the TNC at N6ST did not recognize the signal as being there. This turned out to be both good news and bad news.

When I checked on the node on Sunday night I was surprised at the unusually small number of users but did not suspect something was truly amiss. After a call from AB6EQ on the answering machine, I restarted the PacketCluster software to be sure all was OK there. At that time I happened to notice the receive signal strength indicator on the transceiver was showing almost (but not quite) full scale all the time. Anyone with a signal stronger than that was getting in with no problem (about 5 users). Anyone else was out in the cold.

With some help from folks on the DX Club repeater, I determined the signal was originating from someplace in Santa Clara Valley, probably near Saratoga. As we left the mountain on Monday I took my trusty old HT with me. Until I got to Cupertino the signal from the interfering signal was weak with lots of picket fencing. As I approached downtown Cupertino the signal became very strong and I removed the rubber ducky from the HT. Nothing. A couple of blocks later I started hearing the signal with no antenna on the HT. I knew I was close to the transmitter. Unfortunately we had several activities scheduled that precluded an intensive DF effort at that time.

Later in the evening I was able to again chase the signal. Still with the rubber ducky removed, I drove around a neighborhood

(Prez. con;t Page 2, col 1)

Date: Saturday, March 19.

Awards Banquet, Reserve Now

By popular demand, we return to the Pleasanton Hotel again this year for our annual awards banquet. Whether you won a NCCC team hat, wineglass, bottle of CQP red, whatever, get your reservation in now, before or by, March 14!

You're sure to have a great time reliving the year's events at this grand finale to contest season. We guarantee it! Happy Hour at 6, dinner at 7. Directions, Page 2. Form on page 9. Don't Fail: Reservations must be in by March 14.



1993 CQP RESULTS

Ken Anderson, K6PU, has again done up the stats in super fashion. All you want to know, or possibly could know, about the '93 CQP results are herewith presented, pages 3 through 8 of this issue. Heaping thanks, Ken, for organizing, doing, and putting out the whole enchilada in time for the Awards Banquet.

Approaching Contests

(all in QST, March except as noted)

March

5-6* ARRL DX Contest PH
QST, DEC. P. 125

12-13 Kentucky QSO Party
CQ MAR. P. 131

13-14 Wisconsin QSO Party,
CQ MAR. P. 131

19-20 BARTG SPRINGRTTY CONTEST,
QST FEB. P. 111

Bermuda Contest,
QST FEB. P. 111

19-20 Alaska QSO Party,
CQ MAR., P. 132

19-21 Virginia QSO Party,
CQ MAR., P. 132

26-27* CQ World Wide WPX PH
CQ JAN

April

23-24 Helvetia Contest

May

28-29* CQ WORLD WIDE WPX CW,
CQ JAN

[Note: * indicates NCCC club entry]

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(PREZ CON'T) where the signal seemed to be the strongest. At the end of a particular Cul-de-sac the signal was extremely strong. I got out of the car and in the headlights turned around, shielding the radio with my body while watching the signal strength. The signal appeared to be coming from one of two houses at the very end of the Cul-de-sac. I walked to the one with the garage light on and the signal strength dropped. I went to the next house and knocked on the door. The young woman who answered the door denied there were any hams in the neighborhood.

Frustrated, I got on the repeater and WA6HHQ answered my call for database search of any hams who lived on that particular street. He searched his CD-ROM database for Cupertino hams and visually scanned for that street. He found two hams on that street. One was at each end of a two block long street. Armed with street numbers and names I went back and found the house I had visited earlier indeed had a ham in residence. I called 411 and got his number.

When he came to the phone I asked him if he had a transmitter capable of operating on 146.595 MHz. He did, and went to check it. He came back very quickly to say that, yes, indeed, it was on the air. He was very sorry and, of course, turned it off immediately. He know why his daughter said there were no hams in the area. Because this was a pure mistake, not anything intentional, he shall remain nameless.

DIRECTIONS TO PLEASANTON HOTEL

From Hayward: 80 to 680 South

680 to Bernal

Bernal East to Main St.

Left Main St.

855 Main St.

From Hayward: 580 East to Santa Rita Rd

Right on Santa Rita Rd.

Santa Rita turns into Main St.

855 Main St.

From San Jose: 680 North

Bernal Exit go East

Left on Main St.

855 Main St.

NORTHERN CALIFORNIA CONTEST CLUB

President, Steve Thomas, N6ST

Vice-President/Contest Chr, Andy Faber, AE6Y

Sec/Treas, Bruce Sawyer AA6KX

Director, Al Maenchen, AD6E

Director, John Zapisek, K2MM

Director, Bob Wilson, N6TV

Director, Ed Muns, W0YK

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Ass't Ed, Maggie Troster, KC6NFE

The JUG is the journal of the NCCC, mailed monthly to members whose dues are up-to date. Material for publication must be received by last Monday of month.

de AE6Y

Faber's Folderol

ARRL DX CW has come and gone. We'll submit a club entry, so put NCCC on your log sheets (unless you are also an NCDXC member, then scores by agreement go to NCDXC). Bruce, AA6KX, knocked em dead from his idyllic paradise at ZF8BS to the tune of almost 4M points, LOW POWER.

WPX Coming Up

WPX is soon: SSB on March 26-27 and CW on May 28-29. This contest has been owned by NCCC for the last few years, and we want to do it again. NCCC holds the club record from 1992 at 97,500,000 points! We sent in roughly 104M for 1993, points garnered by guys getting respectable scores (along with a few lollapaloozas in 1992 like WN4KKN/6's 15-meter SSB USA record of 4.5M from W6QHS's QTH, and N6KT's world high M/S SSB score of 32.5M from HC8A).

A great contest to enter for a number of reasons:

- West Coasters can do well, unlike the DX contests.
- Everyone works everyone, so there's a great feeling of camaraderie and egalitarianism absent in most other contests.
- There's lots of activity, and no substitute if you are a prefix hunter, as lots of weird new prefixes show up each year.
- You can turn off packet for the weekend (if you use packet in WPX, you're Multi-single)
- If you're into Windows computer logging, you can use my Windows WPX software (just ask DOS version also)
- NCCC NEEDS YOU!!!

SCORES

ARRL DX CW CONTEST

(SO=Single op, S/A= Single-op assisted)

Call	QSO's	Mult	Score	Class
N6IG	1202	286	1.03M	?
NB6G	834	236	590K	?
K13V	851	230	577,530	S/A
AA6MC	598	185	331,890	SO
N6DA	549	196	321,636	S/A
NI6T	354	137	144,261	S/A
AD6E	331	130	129,090	SO-LP
N6IP	372	94	104,904	SO
K6GNX	264	98	77,028	?
W6BSY	382	67	76,782	SO
W6OAT	187	102	57,222	S/A
W6ISQ	169	77	39,039	S/A
K6KM	1112	250	831K	M/S

(+K5MM)

AG6D	1962	296	1,698,744	M/2
(+N4TQO, K2MM, WM2C, W6RGG, KG6GF)				
ZF8BS	4216	316	3,996,768	SO-LP

CQ 160M SSB CONTEST

Call	QSO's	Mult	Score
NI6T	476	8+52	65,040

Send all scores to me by DXPSN packet, internet to AE6Y@aol.com or by mail to: 16321 Ridgecrest Ave. Monte Sereno CA 95030. (408) 395-9193

1993 CALIFORNIA QSO PARTY (CQP) RESULTS

TROPHIES

SECTION	CALL	OPERATOR	CLASS	SCORE	POWER	SECTIONS	QSOs	CW QSOs
TOP 3 CAL								
SCLA	W6QHS		S	287,506	H	58	2176	605
SCLA	N6TV		S	258,552	H	57	2010	516
PLA	W1FEA/6		S	239,540	H	58	1781	588
TOP 3 NON-CAL								
WI	W0AIH	KA9FOX	S	134,328	H	58	1024	288
BC	VE7NTT		S	120,466	H	58	943	191
TN	K4LTA		S	111,592	H	58	823	278
TOP CAL MULTI SINGLE								
RIV	W6EEN	W6EEN, K6XC, KA6SAR	MS	277,704	H	58	2143	502
TOP CAL MULTI MULTI								
MER	N6ZB	N6ZB, KS6H	MM/CE	215,006	H	58	1582	543
TOP SINGLE OP EXPEDITION								
COL/LAKE	AA6KX		S/CE	152,817	L	57	1120	441
TOP MULTI OP EXPEDITION								
MER	N6ZB	N6ZB, KS6H	MM/CE	215,006	H	58	1582	543
TOP CAL WITH MOST CW QSOs								
PLU	KD6VWQ	UB5SL	S	119,871	H	57	701	701
TOP NON-CAL WITH MOST CW QSOs								
TX	W5ASP		S	55,550	H	55	342	326
TOP CAL MOBILE WITH MOST QSOs								
GLEN	AA6LB/M	AA6LB, N6UXB, KJ6TC, NV6O	M/M/CE	131,152	H	56	985	372
TOP CAL SINGLE OP LOW POWER								
LAX	AB6FO		S	195,286	L	58	1346	675
TOP NON-CAL SINGLE OP LOW POWER								
MI	AA8AV		S	84,274	L	58	606	241
TOP CAL NOVICE/TECHNICIAN								
SM	KA6ING		N/T/S	112	L	4	14	0
TOP NON-CAL NOVICE/TECHNICIAN								
PA	WB0IWG		N/T/S	120	L	6	10	0
TOP NON USA/CANADA ENTRY								
S AMERICA	LU6EF		S	29,892	H	52	227	117
TOP CAL CLUB ENTRY								
SHASTA DX/CONTEST CLUB				748,147				

CERTIFICATE WINNERS

Top Single-Op in each California County, State, Province, and Country.
Stations with 100 or more QSOs.

SPECIAL CQP WINE AWARD

CALL	OP	CLASS	SCORE
TOP 20 CAL WINE WINNERS			
W6QHS		S	287,506
N6TV		S	258,552
W1FEA/6		S	239,540
AB6FO		S	195,286
W6UQF		S	185,535
W6OAT		S	185,020
N6HC		S	180,438
KC6X		S	179,493
AE6Y		S	172,144
W6TKF		S	170,462
KJ6GQ		S	154,512
AA6KX		S	152,817
WX6M		S	150,974
W6REC		S	149,454
KM6YX		S	144,438
KD6FW		S	141,570
N6YKL		S	136,416
KJ6DL		S	132,994
WA6IET		S	130,473
WA6FGV		S	127,176
TOP 20 NON-CAL WINE WINNERS			
W0AIH	KA9FOX	S	134,328
VE7NTT		S	120,466
K4LTA		S	111,592
K7QQ		S	98,542
K9BG		S	96,744
K0PP/7		S	85,158
AA8AV		S	84,274
N6LXS		S	83,752
N1CC/2		S	82,766
VE4GV		S	78,648
KE9I		S	76,676
WA0AVL		S	73,359
WA4PGM		S	70,818
NX3A		S	70,354
N9JF		S	66,576
KF9FU		S	65,835
AJ9C		S	62,756
KE4GY		S	58,539
AG8L		S	57,000
AA5ZT		S	56,898

Multi Single CAL

W6EEN	277,704
K6KM	171,854
N6UUG	128,644
WA6GDS	127,794
KC6HJJ	113,448
WD6EPV	80,520
WB6GBR	78,285
KI6PR	55,650
KM6TB	43,512
W6BSY	40,300

Novice/Tech CAL

KA6ING	112
N6ZLV	72

Low Power CAL

AB6FO	195,286
W6UQF	185,535
AE6Y	172,144
AA6KX	152,817
WA6IET	130,473
W6JTI	120,824
W6HAL	103,712
KK6H	88,032
KN6EL	80,784
AA6DX	72,296

County Expedition Single Op

AA6KX	152,817
WA6FGV	127,176
AA6MC	103,345
AA6DX	72,296
N6JM	42,679
N6AU	29,328
KK6XN/M	24,196
WW6D	19,110
KJ6PJ/M	13,416
K6AAW/M	11,800

Multi Single NON-CAL

N0MMA	37,164
KB4NT	13,590

Novice/Tech NON-CAL

WB0IWG	120
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Low Power NON-CAL

AA8AV	84,274
VE4GV	78,648
WA0AVL	73,359
N9JF	66,576
KE4GY	58,539
VE7CV	52,782
WT9B	51,984
WJ2W	51,243
WA1FCN	44,876
N5II	37,734

County Expedition Multi Op

N6ZB	215,006
AD6E	159,201
AA6LB/M	131,152
WA6GDS	127,794
W6BSY	40,300
K6MO/MM	38,304
W6AB	12,950

Multi Multi CAL

N6ZB	215,006
AB6EQ	188,496
AD6E	159,201

Multi Multi NON-CAL

K8AQM	101,848
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CAL CLUB (5 ENTRIES MINIMUM)

SHASTA DX/CONTEST CLUB	748,147 (13 Entries)
VACA VALLEY RADIO CLUB	514,532 (11 Entries)
REDWOOD EMPIRE DX ASSOCIATION	256,910 (10 Entries)

1993 California QSO Party (CQP) Results

Call, Class, Expedition, Score, Power, Sect, QSOs, (CW QSOs)

Bold Italic Indicates New Score Record

California

Alameda						
K6BZS	S	116,679 H	57	856	(335)	
N6DA	S	24,885 L	45	201	(151)	
K1XJ6	S	4,116 H	28	72	(3)	
Alpine						
<i>KM6OH (KD6MYG op)</i>	<i>S</i>	<i>107,240 H</i>	<i>56</i>	<i>952</i>	<i>(11)</i>	
K6AAW/M	M/S CE	10,070 H	38	119	(27)	
WA6FIT/M	M/S CE	912 H	19	24	(0)	
K180S + WS6L, KD6TMU	MS	10,812 H	34	159	(0)	
Alpine Mono, Tuolumne						
N6AU	S CE	29,328 L	47	245	(134)	
Amador						
KN6BD	S	72,268 L	58	623	(0)	
K6BPB	S	67,392 L	52	432	(432)	
K6PU	S	37,400 H	50	300	(148)	
Butte						
KN6EL	S	80,784 L	54	537	(422)	
K16AN	S	72,215 H	55	527	(259)	
AB6QR	S	50,643 H	51	331	(331)	
WB6AKF	S	8,160 H	40	102	(0)	
K6KM + K16AN, WM2C	MS	171,854 H	58	1201	(561)	
Calaveras						
WA6FGV	S CE	127,176 H	56	928	(415)	
K6RK	S	52,364 H	53	494	(0)	
Colusa, Lake						
AA6KX	S CE	152,817 L	57	1120	(441)	
Contra Costa						
W16N	S	43,710 H	47	379	(172)	
WR6R + KB6LYO	MS	28,560 H	48	296	(3)	
Contra Costa, Marin, Solano, Sonoma						
K6MO/MM + N6KG	MS CE	38,304 L	46	265	(228)	
Del Norte						
AA6UN	S	57,408 H	52	550	(4)	
K6HY	S	24,912 L	48	184	(151)	
El Dorado						
KD6WI	S	116,000 H	58	1000	(0)	
W6TVP	S	37,122 H	46	269	(269)	
WA6FIT/M	M/S CE	4,026 H	33	61	(0)	
El Paso						
N6GJI	S	88,240 H	56	770	(0)	
WB6ITM	S	12,012 L	44	136	(1)	
K66F	S	1,600 H	16	50	(0)	
Glenn						
AD6E + AA6FB, N6WFK,	MM CE	159,201 H	57	1120	(553)	
N6ZPX						
AA6LB + N6UXB, KJ6TC,	MM CE	131,152 H	56	985	(372)	
NV6O						
Humboldt						
W6JTI	S	120,624 L	56	847	(460)	
Imperial, Riverside, San Diego						
KK6XN/M	M/S CE	24,196 L	46	263	(0)	
Inyo						
No entry						
Kern						
WW6O	S	36,800 H	50	368	(0)	
KM6TB + KG6VI	MS	43,512 H	49	340	(208)	
W6AB (N6GC, WZSJ ops)	MS CE	12,950 L	35	154	(62)	
Kings						
No entry						
Lake						
N6YEU	S CE	4,000 L	25	61	(38)	
Lassen						
K6JKC	S	26,772 H	48	221	(140)	
KJ6MD	S	21,976 H	41	268	(0)	
K6AAW/M	M/S CE	1,080 H	18	30	(0)	
Los Angeles						
AB6FO	S	195,286 L	58	1348	(675)	
KC6X	S	179,493 H	57	1375	(399)	
KM6YX	S	144,438 H	57	1267	(0)	
W6ZH	S	51,800 L	50	356	(326)	
W6FA	S	51,480 H	52	372	(245)	
WB6NFO	S	43,554 L	51	427	(0)	
WA6BIL	S	20,520 H	38	209	(122)	
K6DMN	S	10,080 H	35	144	(0)	
KJ6HO	S	5,497 L	23	119	(1)	
K6ZCL	S	2,950 L	25	59	(0)	
WB6GBR + KN6JN	MS	78,285 L	51	519	(497)	

Call, Class, Expedition, Score, Power, Sect, QSOs, (CW QSOs)

Bold Italic Indicates New Score Record

California

Madera						
KD6FW	S	141,570 H	55	1287	(0)	
Marin						
KK6H	S	88,032 L	56	528	(516)	
WA6CTA	S	42,450 L	50	283	(283)	
W6ZOK/M	M/S	3,720 L	30	62	(0)	
Mariposa						
No entry						
Mendocino						
AA6MC	S CE	103,345 H	55	728	(427)	
KB6LZW	S	31,416 H	42	374	(0)	
Merced						
K16PR + N6WTL, KB6SBH	MS	55,650 H	53	414	(222)	
N6ZB + KS6H	MM CE	215,006 H	58	1582	(543)	
Modoc						
No entry						
Mono						
WA6GDS + NZ6N	MS CE	127,784 H	57	954	(334)	
Mono, Tuolumne						
WA6FIT/M	M/S CE	1,116 H	18	31	(0)	
Monterey						
N6NM	S	47,500 L	50	355	(240)	
WD6GKT	S	16,464 H	42	165	(62)	
Napa						
W6FSJ	S	43,248 H	51	341	(166)	
Napa, Solano						
KA6FDI	S CE	3,000 L	10	150	(0)	
Nevada						
WA6AUE	S	33,511 H	47	269	(175)	
WA6FIT/M	M/S CE	1,512 H	21	36	(0)	
Orange						
N6HC	S	180,438 H	58	1335	(441)	
NC6U	S	30,510 H	45	264	(150)	
WA6RND	S	3,600 H	30	40	(40)	
N6ZLV	N/T/S	72 L	3	12	(0)	
Placer						
W1FEA/6	S	239,540 H	58	1781	(568)	
W6RFF	S	23,760 H	45	176	(176)	
WA6FIT/M	M/S CE	176 H	8	11	(0)	
Plumas						
KD6VWQ (UB5LSL op)	S	118,871 H	57	701	(701)	
Plumas, Tehama						
K6AAW/M	M/S CE	650 H	13	25	(0)	
Riverside						
W6TKV	S	123,760 H	56	1105	(0)	
W6EEN + K6XC, KA6SAR	MS	277,704 H	58	2143	(502)	
Sacramento						
W6REC	S	149,454 H	57	1174	(274)	
W6NKR	S	27,600 H	46	200	(200)	
K6SG	S	14,586 L	34	143	(143)	
N6WR	S	13,986 H	37	189	(0)	
K6FO	S	12,307 H	31	146	(105)	
KM6VU	S	1,026 H	19	27	(0)	
San Benito						
No entry						
San Bernardino						
W6HAL	S	103,712 L	56	729	(394)	
San Diego						
W6UOF	S	185,535 L	57	1295	(665)	
WA6UFY	S	65,016 H	56	528	(105)	
WD6EKR/M	M/S CE	33,762 L	51	331	(0)	
KD6QK	S	29,224 L	52	281	(0)	
W6MVW	S	23,885 H	37	215	(215)	
AA6EE	S	13,125 L	35	125	(125)	
WB6MSE	S	7,224 L	28	129	(0)	
N6SMW	S	2,080 L	20	52	(0)	
San Francisco						
W6BIP	S	36,156 H	46	262	(262)	
K6ILM	S	13,818 H	44	129	(56)	
San Joaquin						
KJ6DL	S	132,994 H	58	1067	(159)	
W6FAH	S	41,288 H	52	368	(58)	
San Luis Obispo						
W6TKF	S	170,462 H	58	1303	(333)	
WA6IET	S	130,473 L	57	988	(313)	

1993 California QSO Party (CQP) Results

Call, Class, Expedition, Score, Power, Sect, QSOs, (CW QSOs)

Bold Italic Indicates New Score Record

California

San Mateo						
W6OAT	S	185,020 H	58	1325	(540)	
N6NF	S	88,860 L	55	548	(156)	
W6ISQ	S	41,013 H	49	321	(195)	
W6KZJ	S	785 H	15	17	(17)	
N3AHA/M	M/S	700 H	14	25	(0)	
KA6ING	N/T/S	112 L	4	14	(0)	
Santa Barbara						
AC6T	S	110,751 H	57	793	(357)	
Santa Clara						
W6QHS	S	287,506 H	58	2176	(805)	
N6TV	S	258,552 H	57	2010	(516)	
AE6Y	S	172,144 L	58	1268	(432)	
N6IP	S	117,044 H	58	781	(456)	
WA6SDM	S	23,424 H	48	244	(0)	
WA6HRK	S	17,160 H	44	195	(0)	
N6VB	S	16,185 H	39	164	(87)	
W6PRI	S	10,680 H	26	144	(122)	
N2ALE	S	9,720 L	36	135	(0)	
N6WLF	S	5,880 H	35	84	(0)	
N6TPT	S	4,230 H	30	70	(1)	
WA6GFY (N2ALE op)	S	160 H	8	10	(0)	
N3AHA/M	M/S	18 H	3	3	(0)	
WD6EPV +NU6P	MS	80,520 H	55	625	(214)	
WW6Z +N6NKT	MS	9,324 L	28	180	(13)	
Santa Cruz						
AB6WM	S	94,734 H	57	710	(242)	
AB6EQ +KD6NOS, N6T, K2MM	MM	188,496 H	56	1414	(538)	
Shasta						
KJ6GQ	S	154,512 H	58	1332	(0)	
WJ6Q	S	77,983 H	53	584	(303)	
N6WMF	S	47,276 H	53	423	(46)	
W6BYT	S	7,140 H	35	102	(0)	
Sierra						
N6JM	S CE	42,678 L	49	327	(217)	
WA6FIT/M	M/S CE	1,440 H	20	38	(0)	
Siskiyou						
WJ6Q/M	S CE	588 H	14	21	(0)	
Solano						
WX6M	S	150,974 H	58	1296	(11)	
K6HIH	S	81,808 H	51	445	(318)	
KJ6Q	S	59,740 H	58	515	(0)	
WB6YRN	S	47,376 H	56	423	(0)	
K7VA/6	S	15,054 H	39	142	(102)	
W6JSB	S	13,680 L	40	171	(0)	
N6WVF +N7YYG	MS	17,458 H	43	203	(0)	
KK6XA +KK6XB	MS	9,120 H	38	120	(0)	
KM6AC +KC6NKM	MS	7,878 H	39	101	(0)	
Sonoma						
AA6YX	S	41,031 L	47	319	(235)	
WA6LLY/6	S	39,950 L	50	377	(45)	
W6ESJ	S	23,500 H	50	235	(0)	
WN6W	S	8,296 H	34	122	(0)	
N6YEU	S	4,956 L	28	59	(59)	
Stanislaus						
No entry						
Sutter						
KJ6PJ/M	M/S CE	13,416 H	39	161	(22)	
Tehama						
W6JEX	S	72,352 H	56	646	(0)	
Trinity						
AA6DX	S CE	72,296 L	56	510	(271)	
Tulare						
W6IFC	S	22,325 L	47	174	(127)	
KC6HJJ +WB6YIK	MS	113,448 H	58	923	(110)	
Tuolumne						
WW6D	S CE	19,110 L	42	165	(125)	
KI6PG	S	8,990 L	29	155	(0)	
N6UUG +WA6YVS	MS	128,644 H	58	1109	(0)	

Call, Class, Expedition, Score, Power, Sect, QSOs, (CW QSOs)

Bold Italic Indicates New Score Record

California

Ventura						
KK6CY	S	59,696 H	56	484	(98)	
N6VR	S	13,448 H	41	146	(36)	
K6MP	S	7,750 H	25	117	(76)	
Yolo						
MSYKL	S	135,416 H	58	1108	(136)	
KK1A	S	2,530 L	22	50	(15)	
KE6WL	S	975 H	13	31	(13)	
Yuba						
W6BSY +KC6QHA	MS CE	40,300 L	50	389	(28)	

USA

Alabama						
KE4GY	S	58,539 L	57	417	(193)	
KC4TEO	S	49,020 H	57	336	(188)	
AA4UF	S	22,416 L	48	208	(49)	
KB4TOX	S	7,160 H	40	88	(3)	
Alaska						
AL7LU	S	7,280 L	35	70	(68)	
KL7FAP	S	1,896 L	24	35	(9)	
Arizona						
N7JXS	S	23,265 H	47	199	(97)	
Arkansas						
KM5G	S	14,145 H	41	115	(115)	
Colorado						
N0UMN	S	11,094 H	43	99	(60)	
Connecticut						
WA1FCN	S	44,876 L	52	337	(189)	
K8HVT	S	30,992 H	52	226	(144)	
K1KI	S	23,320 H	53	182	(116)	
KH8AC	S	10,234 L	43	99	(40)	
N1NQD	S	4,752 L	36	66	(0)	
Delaware						
NX3A	S	70,354 H	58	542	(129)	
Florida						
KN4Y	S	19,140 H	44	145	(145)	
KE4FEJ	S	5,108 H	37	89	(0)	
WB4HJH	S	1,364 H	22	31	(0)	
WB4CVH	S	4 H	1	2	(0)	
Georgia						
AB4RU	S	35,475 H	55	297	(51)	
KN4QV	S	32,700 L	50	244	(166)	
WB5RYB	S	21,762 H	54	201	(1)	
AB4HR	S	16,600 H	50	166	(0)	
KB4GID	S	14,145 H	41	115	(115)	
K4PIC	S	12,972 L	47	110	(56)	
K4BAI	S	3,120 L	26	40	(40)	
AB4HQ	S	1,960 H	20	49	(0)	
Hawaii						
KH6GMP	S	22,680 L	54	210	(0)	
Idaho						
No entry						
Illinois						
K9BG	S	96,744 H	58	711	(246)	
WA0AVL	S	73,359 L	57	539	(209)	
N9JF	S	66,576 L	57	505	(158)	
KF9FU	S	65,835 H	57	448	(259)	
W0HEP/M	M/S	18,816 L	48	160	(72)	
WB8SVN	S	14,715 H	45	109	(109)	
Indiana						
KE9I	S	76,676 H	58	570	(182)	
AJ9C	S	62,756 H	58	473	(136)	
W9RE	S	47,768 H	56	350	(153)	
KB0C	S	45,588 H	58	393	(0)	
K9JWI	S	17,952 H	44	136	(136)	
WN9M	S	9,540 H	45	106	(0)	
W9CGI	S	7,200 L	40	90	(0)	
NV9V	S	180 H	10	9	(0)	

1993 California QSO Party (CQP) Results

Call, Class, Expedition, Score, Power, Sect, QSOs, (CW QSOs)

Bold Italic Indicates New Score Record

Iowa						
KCQGM	S	33,288 L	57	292	(0)	
KZOC	S	10,530 L	45	117	(0)	
NOMMA+WEQF,NOLNO, MS		37,164 L	57	326	(0)	
NOUTS,KD9KX						
Kansas						
KCQEI	S	27,192 L	44	209	(200)	
WBQYJT	S	26,070 L	55	220	(34)	
Kentucky						
N4HID	S	23,544 H	54	218	(0)	
Louisiana						
AA5ZT	S	56,898 H	58	407	(167)	
NSII	S	37,734 L	57	311	(40)	
WB5TPW	S	33,110 L	55	301	(0)	
K5KRJ	S	13,000 H	52	125	(0)	
Maine						
N1KNH	S	4,270 L	35	61	(0)	
NW1O	S	3 H	1	1	(1)	
Maryland-DC						
K3TW	S	12,870 H	39	138	(54)	
Massachusetts						
NB1B	S	29,952 H	52	239	(98)	
WA1LXP	S	5,328 L	36	74	(0)	
K8JLF	S	2,916 H	27	36	(36)	
N1KBW	S	1,824 L	24	38	(0)	
K1PLX	S	1,388 L	18	36	(5)	
Michigan						
AA8AV	S	84,274 L	58	608	(241)	
AG8L	S	57,000 H	57	387	(226)	
N8KSO	S	29,415 H	53	233	(89)	
W8LRY	S	18,963 H	43	147	(147)	
W8WVU	S	14,652 H	44	111	(111)	
WA8QAF	S	10,890 H	45	104	(34)	
K8CV	S	488 L	4	83	(11)	
K8AQM+AA8U,K8MJZ, MM		101,848 H	58	765	(226)	
KF8QE,KG8EF,KG8CW,KG8CO,AA8HZ,NU8Z,KB8ECG,N8NWA						
Minnesota						
WA0QIT	S	14,400 H	48	150	(0)	
N0HJZ	S	10,350 H	46	110	(5)	
N0TNK	S	5,680 H	40	52	(38)	
KF0T	S	3,266 L	23	48	(46)	
AK7J	S	1,794 L	26	33	(3)	
Mississippi						
N5OVV	S	10,764 H	46	117	(0)	
K15B	S	7,216 L	41	88	(0)	
Missouri						
W0GWT	S	22,629 L	57	172	(53)	
N0OCT	S	4,488 L	33	88	(0)	
K0JPL	S	2,610 H	29	30	(30)	
Montana						
K0PP7	S	85,158 H	57	637	(220)	
N7HFU	S	5,016 H	38	66	(0)	
Nebraska						
K0QAL	S	13,938 H	46	102	(99)	
K0FPM	S	4,410 L	30	49	(49)	
Nevada						
N7WWQ	S	17,596 H	53	166	(0)	
KZ4H7	S	12,726 H	42	120	(63)	
New Hampshire						
K1BV	S	18,189 L	47	150	(87)	
AA1HJ	S	17,415 H	45	129	(129)	
N1NCI	S	3,016 L	29	52	(0)	
W1UN	S	1,444 L	19	26	(24)	
New Jersey						
N2AA	S	37,468 H	58	276	(94)	
WA2UDT	S	11,318 H	41	121	(34)	
AE2N	S	6,834 H	34	67	(67)	
K2EWA/2	S	1,302 L	21	31	(0)	
WA2LBT	S	48 H	4	4	(4)	
New Mexico						
W5TTE	S	16,984 H	44	137	(112)	
KJ5EY	S	12,060 H	45	134	(0)	
New York						
N1CCZ	S	82,766 H	58	600	(227)	
WJ2W	S	51,243 L	57	357	(185)	
W2HG	S	33,516 H	57	236	(116)	

Call, Class, Expedition, Score, Power, Sect, QSOs, (CW QSOs)

Bold Italic Indicates New Score Record

North Carolina						
AA4NC	S	36,795 L	55	299	(71)	
K7GM/4	S	14,850 L	45	116	(98)	
KS4S	S	10,956 H	44	103	(43)	
W1IHN	S	7,752 H	34	76	(76)	
W2VMX	S	208 H	8	13	(0)	
North Dakota						
ND1H	S	12,928 L	46	134	(0)	
Ohio						
N8LXS	S	83,752 H	58	608	(228)	
N8FU	S	38,555 H	55	278	(145)	
KF8HM	S	29,868 L	57	262	(0)	
NO8C	S	24,592 L	53	178	(108)	
WB8STO	S	18,000 H	50	180	(0)	
KE8PG	S	17,200 L	50	155	(34)	
WT8P	S	16,641 L	43	129	(129)	
W8FEC	S	15,840 H	44	120	(120)	
K8MR	S	6,384 H	38	67	(34)	
KF8KI	S	5,484 H	41	67	(0)	
K7VAY	S	2,520 L	24	35	(35)	
WV8B	S	969 L	17	19	(19)	
N8LMB	S	714 H	17	21	(0)	
Oklahoma						
W5UDA	S	24,840 H	45	184	(184)	
K15EL	S	16,377 H	53	151	(7)	
KB5LER	S	8,476 H	46	103	(0)	
Oregon						
K17Y	S	20,727 H	49	180	(103)	
Pennsylvania						
N3IXR	S	49,056 H	56	347	(182)	
N3BGV	S	44,296 H	56	313	(185)	
WA3HAE	S	35,033 H	53	252	(157)	
N3RJ	S	34,776 H	54	254	(136)	
K3MD	S	26,640 H	45	262	(68)	
KC3M	S	17,864 L	44	150	(106)	
K3TX	S	9,396 H	36	97	(67)	
W3HDH	S	8,512 H	38	78	(68)	
N3CZB	S	897 L	13	23	(23)	
WA2PXR/3	S	286 L	11	13	(0)	
WB0IWG	N/T/S	120 L	6	10	(0)	
Rhode Island						
No entry						
South Carolina						
W79B	S	51,884 L	57	377	(158)	
WA3GNW	S	960 H	20	24	(0)	
South Dakota						
K0ERM	S	27,450 L	50	194	(181)	
KD0EE	S	26,460 H	54	203	(84)	
Tennessee						
K4LTA	S	111,582 H	58	823	(278)	
AB4CA	S	15,540 L	42	145	(90)	
KC4URW	S	3,828 H	33	58	(0)	
Texas						
W5ASP	S	55,550 H	55	342	(326)	
WASDTK	S	42,130 H	55	323	(120)	
N4CD	S	29,362 L	53	227	(100)	
K5EC	S	25,740 H	55	207	(54)	
WA5IYX	S	25,410 H	56	231	(0)	
W3DYA	S	21,390 L	46	165	(155)	
N5COP	S	19,250 H	55	175	(0)	
AASUO	S	17,576 H	52	149	(40)	
W5NR	S	14,535 H	45	128	(67)	
WD5EML	S	11,938 H	47	127	(0)	
Utah						
K6XO/7	S	27,324 H	54	220	(66)	
Vermont						
No entry						
Virginia						
WA4PGM	S	70,818 H	58	512	(197)	
W4XD	S	25,116 H	46	182	(182)	
K4RDU	S	15,129 H	41	135	(99)	
K4BAM	S	13,230 L	42	105	(105)	
W4SNH	S	12,654 L	38	111	(111)	
K4KDJ	S	10,320 H	43	120	(0)	
KB4NT+KC4WIC, MS		13,590 H	45	139	(24)	
WA4RDI						

1993 California QSO Party (CQP) Results

Call Class Expedition Score Power Sect QSOs (CW QSOs)

Bold Italic Indicates New Score Record

Washington

K7QG	S	88,942 H	38	757	(143)
W7RGL	S	16,125 L	43	125	(120)
K7SS	S	1,968 H	44	111	(50)
AA7VT	S	2,387 H	31	35	(7)
K7MM	S	2,112 L	22	32	(38)
KA4BWL	S	1,080 L	20	27	(0)

West Virginia

KF2TC	S	34,562 L	36	235	(147)
KJBJ	S	11,472 L	48	117	(8)
KA8ZOU	S	5,032 L	34	74	(0)

Wisconsin

W0AH (KA9FOX op)	S	134,328 H	58	1024	(268)
N9C	S	80,400 L	50	295	(158)
K0RS	S	28,611 L	51	219	(120)
N0JAK	S	27,287 L	51	106	(50)
W0WIM	S	18,048 H	48	186	(44)
W0HR	S	15,840 H	45	124	(104)
KB9AMQ	S	12,423 H	41	101	(101)
KA9QX	S	12,088 H	48	126	(0)
AA9FW	S	10,872 L	46	104	(74)
N9PJH	S	10,028 L	46	100	(0)
W9HE	S	6,472 L	32	57	(57)
W6CFX	S	2,604 H	31	41	(2)
N9RLJ	S	1,400 L	25	28	(0)
KA9USV	S	782 H	18	27	(0)

Wyoming

N7MZW	S	31,296 H	56	230	(0)
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Canada

VE1/VQ Maritime-Newfoundland

VO1SF	S	24,429 L	51	186	(108)
VO1LT	S	182 L	5	5	(1)

VE2 Quebec

VE2ACJ	S	39,150 H	54	277	(171)
VE2ABO	S	2,622 L	23	36	(38)

VE3 Ontario

WJ2Q/VE3	S	31,181 H	61	240	(131)
VE3TBZ	S	22,667 L	48	184	(85)
VE3LRL	S	10,530 H	38	135	(3)
VE2EM/3	S	5,632 H	32	62	(52)
VE3ZTH	S	4,336 L	17	105	(45)

Call Class Expedition Score Power Sect QSOs (CW QSOs)

Bold Italic Indicates New Score Record

VE4 Maritime

VE4GV	S	78,648 L	58	583	(190)
VE4VV	S	18,550 L	50	187	(57)
VE4XT	S	11,282 H	44	106	(40)

VE5 Saskatchewan

VE5AGM	S	9,504 L	38	96	(86)
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VE6 Alberta

No entry

VE7 British Columbia

VE7N77	S	120,486 H	58	843	(181)
VE7CV	S	52,782 L	57	436	(54)

VE8/YV1 NWT-Yukon

No entry

Africa

No entry

Asia

JH7WKO	S	28,616 H	48	223	(138)
JG3COJ	S	8,550 H	38	75	(70)
J7X1V	S	7,720 H	40	95	(3)
JH1UUT	S	2,294 L	31	37	(0)
JAGCWJ	S	1,280 H	25	21	(21)
JR2TRC	S	32 L	4	4	(0)
JH1FVE	S	8 H	2	2	(0)

Europe

S36DX	S	2,640 H	22	48	(24)
HASLZ	S	420 H	10	14	(14)
G3ZJ	S	343 H	8	16	(7)
Q8WQ	S	340 H	8	10	(10)
OH2BMH	S	140 H	7	7	(6)
K2MLV	S	86 H	6	6	(0)
OH3JF	S	80 L	5	6	(6)
F6GKA	S	80 H	5	6	(0)

North America DX

No entry

Oceania

No entry

South America

LU6EF	S	20,682 H	52	227	(117)
PY2PD	S	1,064 L	19	28	(0)
LU7FEU	S	408 L	12	17	(0)
LU1FHH	S	84 L	6	7	(0)

Correction from 1992 CQP-WA5FIT should have been listed in 6th place for County Expeditions with a combined score of 30,648. Ron's Mono County entry was a County Expedition.

In spite of poor high band conditions the number of entries was up slightly over 1992 but only a total of 3 Novice/Tech logs were received. Average top twenty scores were down 17 % CA and up 2 % Non-CA.

What do the big CA guns run? The top 3 Single Op entries listed a total of 62 elements of aluminum plus numerous wires!

Two CA entries managed new county records (KD6MYG (15 years young) operating KM6OH from Alpine and N6YKL from Yolo. JH7WKO, VE7NTT, AA5ZT, K0PP/7, N1CC/2, N8LXS, LU6EF, WT9B, K4LTA, WA4PGM, and K7QO managed new Non-CA section records.

In the "Sweep" department - 17 Non-CA stations managed to find all 58 California counties and 20 CA stations found all US and Canadian sections.

SOAPBOX Non-CA -AIH don't mean "Antennas In Heaven" for nothin, KA9FOX (op WA0AIH): Great activity, K4LTA: Tough with W6's beams pointed east, VE7NTT: A sweep with no 10 meters, AA8AV: No 10 Meters, missed those novices, VE4GV: The black hole of space is Modoc, KF9FU: Do something to increase CA CW activity, W5ASP: Had a lot of fun and a great run on 15, N0MMA: Just entered to pick up last of needed CA counties and have some fun, accomplished both, W2HG: Wonder if the proposed health plan will cure poor propagation, N19C: Pleased to meet old friends (both DXers and Contesters), LU6EF (and a new South America record): Worked last counties I needed in CA, N4CD: Thanks for another

super contest, K0ERM: Had to use a hand mike due to RF, try that while logging with CT, KH6GMP: Heard all CA counties but not all would call CQ, N5COP.

SOAPBOX CA-Thanks again to VY1JA but never heard WY, W6UQF: This is my first CQP, I enjoyed it, KC6X (179K !!): Score is way up from last year, all due to Force 12 antennas, AE6Y (That will cost you a drink Tom): How about a DRP category?, W6TKF: I'm really miffed I missed IO, AD6E (most commonly missed section): Wonderful invention, CT!!!, W6TKV: The back is great and I'm climbing towers again, W6JEX: Did our operating from forest service camp-site, bugs almost ate Grenddaughter (KC6OHA) alive, didn't bother me much, guess I smelled too bad, W6BSY: Sure miss the 10 meter pileups chasing Del Norte County, K8HY: I was surprised by the number of stations active in the high Sierra, N6AU: Volunteered again, eh?!, WA6AUE: The CQP committee did an outstanding job, this is a major contest, WJ6Q: Blew my head gasket, had to fill radiator every 50 miles, KK6XN/M.

Thanks for info from KF7AM on KD6VWQ (U85LSL) who had the most CW QSOs- Taras came for a visit in March 92 knowing little English. Now on student visa majoring in EE. Took Gen, Adv, and Extra in one sitting and only missed 3 questions!!!

Editors notes: Low power is 200 watts or less output. If power wasn't indicated, more than 200 watts was assumed. Thanks to AI, AD6E, for the publicity mailing and to Jim, WA6SDM, for handling the awards. A special thanks to my XYL, Kay, for the data entry, proof reading and edit support.

Ken, K6PU

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California QSO Party All Time Records - 93

California

<u>Single OP</u>	<u>Call</u>	<u>Year</u>	<u>Score</u>	<u>QSOs</u>	<u>Mult</u>
Alameda	W6SZN	80	232,788	1939	57
Alpine	KM6OH(KD6MYG op)	93	107,240	952	56
Amador	N6TIB	89	183,222	1469	58
Butte	K6AAW	89	184,556	1451	58
Calaveras	K6RK	86	164,604	1210	58
Colusa	K6AAW	88	171,854	1353	58
Contra Costa	N6RO (WA6VEF op)	91	336,699	2725	57
Del Norte	AA6UN	92	94,360	792	56
El Dorado	W6TPH	79	193,820	1762	49
Fresno	N6GJI	91	138,738	1217	57
Glenn	K6AAW	89	184,556	1451	58
Humboldt	W6JTI	89	181,134	1323	58
Imperial	AA6PC	91	64,311	425	51
Inyo	W6DZM	79	128,336	1234	52
Kern	N6UR (KR6X op)	92	298,816	2347	58
Kings	N6BT (WA6VEF op)	86	258,738	2046	58
Lake	K6HNZ	81	189,126	1659	57
Lassen	K6AAW	86	131,254	1017	58
Los Angeles	W6AQ (WA6OTU op)	86	266,452	2066	58
Madera	KD6FW	89	201,492	1737	58
Marin	WA6FGV	92	199,926	1604	58
Mariposa	K6HNZ	82	199,288	1718	58
Mendocino	NA6T	82	135,945	1116	57
Merced	W6TPH	82	180,612	1434	58
Modoc	W6REC	91	298,623	2438	57
Mono	WA6ZBX	87	111,216	993	56
Monterey	K6CG	89	145,000	1250	58
Napa	W6FSJ	90	105,393	735	57
Nevada	A16V	89	288,318	2278	58
Orange	NC6U	91	275,310	2195	57
Placer	W1FEA/6	92	264,944	2027	58
Plumas	K6AAW	87	126,266	920	58
Riverside	W6TKV	91	186,276	1634	57
Sacramento	W6GO (N6IG op)	91	373,122	3011	57
San Benito	K6SGF	88	169,534	1294	58
San Bernardino	WA6FGV	91	184,509	1479	57
San Diego	K6NA (N6TR op)	89	366,618	2928	58
San Francisco	N6BV	79	232,560	2040	57
San Joaquin	KJ6DL	92	169,360	1448	58
San Luis Obispo	W7CB/6	91	234,612	1960	57
San Mateo	N6BV	82	270,454	2245	58
Santa Barbara	AC6T	92	254,272	1947	58
Santa Clara	W6QHS(WN4KKK op)	92	329,208	2552	58
Santa Cruz	N6RZ (WA6SHD op)	80	276,892	2338	58
Shasta	AA6DX	79	166,376	1619	52
Sierra	K6AAW	91	153,294	1200	58
Siskiyou	K6AAW	90	123,519	1020	57
Solano	WX6M	91	230,394	2017	57
Sonoma	KB6ZA	81	136,287	1194	57
Stanislaus	WA6ZBX	90	154,926	1359	57
Sutter	W6XB/6	89	156,465	1231	57
Tehama	AA6DX	88	216,514	1685	58
Trinity	K6AAW	90	123,519	1020	57
Tulare	K6CG	87	89,552	772	58
Tuolumne	N6IP	91	181,688	1491	56
Ventura	N6VR (KA6SAR op)	91	316,158	2465	58
Yolo	N6YKL	93	136,416	1108	56
Yuba	W6BSY	92	175,740	1444	58
Low Power	W6UQF	92	227,259	1716	57
Novice/Tech	N6ZJM	91	59,576	677	44
Most CW QSOs	N6TV	91		1131	
County Expd.	N6BT (WA6VEF op)	86	258,738	2046	58

Multi OP

Multi-Single	N6CW+	89	296,438	2390	58
Multi-Multi	N6KT+	79	493,928	4258	58
County Expd.	N6KT/6+	78	306,356	2641	58
Mobile QSOs	N6BT, WA6VEF & VE7NK1-	89		1508	

State/Province/Continent

<u>Single OP</u>	<u>Call</u>	<u>Year</u>	<u>Score</u>	<u>QSOs</u>	<u>Mult</u>
Alabama	KC4TEO	92	67,500	589	54
Alaska	KL7AF	88	21,574	176	46
Arizona	K7GM	81	34,522	342	41
Arkansas	WA5SOG	91	47,025	379	57
California	W6GO (N6IG op)	91	373,122	3011	57
Colorado	WA5DTK	91	47,800	357	56
Connecticut	WA1FCN	90	61,389	429	57
Delaware	NX3A	92	72,906	576	58
Florida	K4XS	90	138,968	1106	58
Georgia	WX4G	88	125,106	981	58
Hawaii	NH6T	92	77,784	643	56
Idaho	WA1PID/7	75	54,172	467	58
Illinois	K9ZO	89	107,938	850	58
Indiana	KE9I	92	128,862	1006	58
Iowa	WD0EWD	82	91,190	750	55
Kansas	WB0YJT	90	41,776	373	56
Kentucky	KM4FO	90	53,808	412	57
Louisiana	AA5ZT	93	56,898	407	58
Maine	WB1GLH	81	25,757	257	57
Maryland-DC	KM3T	86	80,541	606	57
Massachusetts	NB1B	90	93,496	711	58
Michigan	N8KSO	92	84,588	669	57
Minnesota	WA0QIT (KF0FC op)	89	76,676	583	58
Mississippi	N5OVV	90	73,312	631	58
Missouri	K4LTA/8	92	84,246	593	57
Montana	K0PP/7	93	85,158	637	57
Nebraska	KV0I	88	132,124	1039	58
Nevada	WA7NIN (W6OAT op)	83	73,776	606	53
New Hampshire	N1HEO	91	37,128	357	52
New Jersey	W2GD	88	48,452	372	52
New Mexico	K5HD	91	37,620	295	55
New York	N1CC/2	93	82,766	600	58
North Carolina	AA4NC	88	68,264	524	56
North Dakota	WB0O	89	51,092	450	53
Ohio	N8LXS	93	83,752	608	58
Oklahoma	N6CL/5	91	55,888	433	56
Oregon	N6TR/7	86	130,500	1030	58
Pennsylvania	N6CQ/3	87	84,314	483	54
Rhode Island	KA1GQW	86	26,764	245	47
South Carolina	WT9B	93	51,984	377	57
South Dakota	K0ERM	91	51,728	373	53
Tennessee	K4LTA	93	111,592	823	58
Texas	W5ASP	91	139,722	1178	58
Utah	K6XO/7	92	79,515	587	57
Vermont	WA1JVV	88	63,918	477	53
Virginia	WA4PGM	93	70,818	512	58
Washington	K7QQ	93	96,542	757	58
West Virginia	KC8FS	92	42,750	329	57
Wisconsin	N0BSH/9	90	160,080	1280	58
Wyoming	N7NG (WA6AUE op)	89	66,096	518	51
Maritime-Newfoundland	VE1BNN	81	27,520	212	46
Quebec	VE2/WJ2O	92	40,229	331	49
Ontario	VE3 HX	92	45,870	327	55
Manitoba	VE4GV	92	113,332	872	58
Saskatchewan	VE5FN	88	31,200	325	46
Alberta	VE6DZ	88	17,511	159	39
British Columbia	VE7NTT	93	120,466	943	58
NWT-Yukon	VE8CM	92	40,260	366	53
Africa	9L1US	91	13,410	139	45
Asia	JH7WKQ	93	28,616	223	49
Europe	4U1ITU (N6TR op)	90	57,772	467	52
N. America DX	XE1/AA6RX	92	16,544	139	44
Oceania	YB2CTW	88	2,425	40	25
South America	LU6EF	93	28,692	227	52
Low Power	VE4GV	92	113,332	872	58
Novice/Tech	N4HD	92	46,256	413	56
Most CW QSOs	N6CQ/3	88		340	

Northern California Contest Club

1994 Awards Banquet

You are cordially invited to the 1994 Awards Banquet of the Northern California Contest Club.

Date: Saturday, March 19, 1994

Time: Cocktails at 6:00 p.m., Dinner at 7:00 p.m.

Place: Pleasanton Hotel, 855 Main Street, Pleasanton, California

--Menu--

choice of

Oven Poached Mahi Mahi with Ginger Vinaigrette. Served with rice pilaf
-or-

Roast Prime Rib of Beef, Au Jus, served with Garlic Butter New Potatoes.

Both entrees served with Seasonal Vegetables, Fresh Baked Focaccia Rolls, and
Coffee. Deep Dish Cinnamon Apple Pie for Desert

Cost: \$23.50 per person, service charge and tax included. Reservations must be accompanied by payment, and must be received by Monday, **March 14, 1994**. Your check should be made payable to NCCC. The hotel can accomodate a few people who arrive without reservations, but cannot make a guarantee that space will be available.

Send reservation to Bruce Sawyer, AA6KX, 15430 Bohlman Road, Saratoga, CA 95070.

Callsign: _____

Name: _____ Choice of Entree: _____

Name: _____ Choice of Entree: _____

Name: _____ Choice of Entree: _____

Number of Reservations: _____ x \$23.50 each = Amount Enclosed: _____

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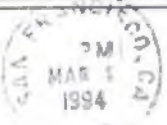
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